

ABSTRACT OF THE DISCLOSURE

A semiconductor laser device, comprising a semiconductor laser array for excitation having a plurality of semiconductor laser elements, and an optical resonator having a solid-state laser medium with a reflection mirror formed on one end surface and an output mirror provided in parallel to the reflection mirror, wherein laser beams emitted from the plurality of the semiconductor laser elements enter the optical resonator independently from each other, and the laser beams are respectively amplified and are projected by the optical resonator.